

MAY 3 1 2002

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	MET-002 (1002/003)
First Named Inventor	Besterman
COMPLETE IF KNOWN	
Application Number	10/051,819
Filing Date	01/14/2002
Art Unit	-
Examiner Name	

As the below named Inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS FOR SPECIFICALLY INHIBITING HISTONE DEACETYLASE-4

(Title of the Invention)

the specification of which

Is attached hereto

OR

was filed on (MM/DD/YYYY) 01/14/2002 as United States Application Number or PCT International

Application Number 10/051,819 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number
or Bar Code Label OR Correspondence address below

Wayne A. Keown
Name

Address 500 West Cummings Park, Suite 2900

City	Woburn	State	MA	ZIP	01801
Country	· USA	Telephone	781-938-1805		
			781-938-4777		
			Fax		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

Given Name	Jeffrey M.	Family Name	Besterman
(first and middle [if any])		or Surname	

Inventor's Signature

April 3, 2002
Date

Baie D'Urfe

Residence: City

Quebec

State

Canada

Country

US

Citizenship

51 Gray Crescent

Mailing Address

Baie D'Urfe	Quebec	H9X 3V3	Canada
City	State	ZIP	Country

NAME OF SECOND INVENTOR:

A petition has been filed for this unsigned inventor

Given Name	Claire	Family Name	Bonfils
(first and middle [if any])		or Surname	

Inventor's Signature

27 Mar 2002
Date

Montreal

Residence: City

Quebec

State

Canada

Country

Canada

Citizenship

10629 St. Hubert

Mailing Address

Montreal	Quebec	H3C 2H9	Canada
City	State	ZIP	Country

Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 2**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Li	Family Name or Surname Zuomei		
Inventor's Signature <i>2. L.</i>			Date <i>April 3, 02</i>
Kirkland Residence: City	Quebec State	Canada Country	Canada Citizenship
22 Oriole Street Mailing Address			
Mailing Address			
City Kirkland	Quebec State	H9H 3X3 ZIP	Canada Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Soon Hyung	Family Name or Surname Woo		
Inventor's Signature <i>Soon Hyung Woo</i>			Date <i>Mar 28, 2002</i>
Beaconsfield Residence: City	Quebec State	Canada Country	Korea-Canada Citizenship
319 Penn Road Mailing Address			
Mailing Address			
City Beaconsfield	Quebec State	H9W 1B4, 5 ZIP	Canada Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Arkadii	Family Name or Surname Vaisburg		
Inventor's Signature <i>Arkadii</i>			Date <i>March 29, 2002</i>
Kirkland Residence: City	Quebec State	Canada Country	Canada Citizenship
10 Riverwood Grove Mailing Address			
Mailing Address			
City Kirkland	Quebec State	H9J 2X2 ZIP	Canada Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 2**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Daniel <i>Daniel</i> Inventor's Signature		Family Name or Surname Delorme <i>Marielle Fournel</i> Inventor's Signature	
Date 27/3/02			
Residence: City St.-Lazare	State Quebec	Country Canada	Citizenship Canada
Mailing Address 793 Charbonneau			
Mailing Address St.-Lazare Quebec J7T 2B2 Canada			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Marielle <i>Marielle Fournel</i> Inventor's Signature		Family Name or Surname Fournel <i>Marielle Fournel</i> Inventor's Signature	
Date March 28/2002			
Residence: City St.-Lazare LaSalle	State Quebec	Country Canada	Citizenship Canada
Mailing Address 8799 Lithuania Street			
Mailing Address St.-Lazare LaSalle Quebec H8R 2S1 Canada			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Rico <i>H. Am Den</i> Inventor's Signature		Family Name or Surname Lavoie <i>H. Am Den</i> Inventor's Signature	
Date			
Residence: City Hamden	State CT	Country US	Citizenship US CANADA
Mailing Address 5131 Town Walk Drive 84 Hubbard Place			
Mailing Address Hamden CT 06518-7 US			

tacked original
 Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/02A (10-00)

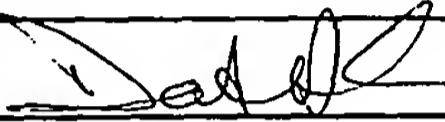
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 2****Name of Additional Joint Inventor, if any:** A petition has been filed for this unsigned inventor

Given Name	Daniel	Family Name or Surname	Delorme
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Inventor's Signature		Date	27/3/02
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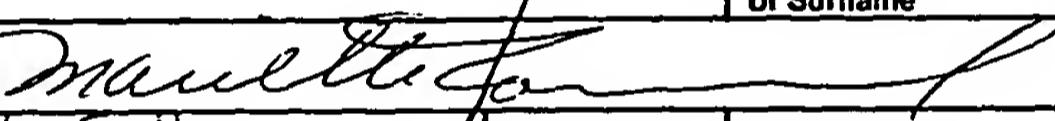
Residence: City	St.-Lazare	State	Quebec	Country	Canada
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Mailing Address	793 Charbonneau	City	Canada
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Mailing Address	St.-Lazare	State	Quebec	ZIP	J7T 2B2	Country	Canada
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Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor

Given Name	Marielle	Family Name or Surname	Fournel
------------	----------	------------------------	---------

Inventor's Signature		Date	March 28, 2002
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Residence: City	St.-Lazare LaSalle	State	Quebec	Country	Canada
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Mailing Address	8799 Lithuania Street	City
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Mailing Address	LaSalle	State	Quebec	ZIP	H8R 2S1	Country	Canada
-----------------	---------	-------	--------	-----	---------	---------	--------

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor

Given Name	Rico	Family Name or Surname	Lavoie
------------	------	------------------------	--------

Inventor's Signature		Date	APRIL 23/2002
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Residence: City	Heiden	State	CT	Country	US
-----------------	--------	-------	----	---------	----

Mailing Address	5131 Town Walk Drive	Place	Hubbard
-----------------	----------------------	-------	---------

Mailing Address	Heiden	State	CT	ZIP	06518-7	Country	US
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Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECORDATION FORM COVER SHEET

Continuation Sheet
Page 2

To the Honorable Commissioner of Patents and Trademarks ..

Name of conveying parties:

Arkadii Vaisburg

Daniel Delorme

Marielle Fournel

Rico Lavoie

Application number: 10/051,819

Patent Application No.: Filed 01/14/02 priority to U.S. 60/261,674 filed 01/12/01

ASSIGNMENT

WHEREAS we, Jeffrey M. Besterman, being a citizen of the United States of America and residing at 51 Gray Crescent, Bai D-Urfé, Quebec, Canada H9X 3V3, Claire Bonfils, being a citizen of Canada and residing at 10629 St. Hubert, Montreal, Quebec, Canada H2C 2H9, Li Zuomei, being a citizen of Canada and residing at 22 Oriole Street, Kirkland, Quebec, Canada H9H 3X3, Soon Hyung Woo, being a citizen of Canada and residing at 319 Penn Road, Beaconsfield, Quebec, Canada H9W 1B5, Arkadii Vaisburg being a citizen of Canada and residing at 10 Riverwood Grove, Kirkland, Quebec, Canada H9J 2X2, Daniel Delorme being a citizen of Canada and residing at 793 Charbonneau, St.-Lazare, Quebec, Canada J7T 2B2, Marielle Fournel being a citizen of Canada and residing at 8799 Lithuania Street, Ville LaSalle, Quebec, Canada H8R 2S1, Rico Lavoie being a citizen of Canada and residing at 84 Hubbard Place, Hamden, Connecticut 06517, are inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled **METHODS FOR INHIBITING HISTONE DEACETYLASE-4**, which application was filed in the United States Patent and Trademark Office on January 14, 2002 and assigned Serial No. 10/051,819; and

WHEREAS MethylGene, Inc., whose address is 7220 Frederick-Banting, St. Laurent Quebec H4S-2A1 CANADA, which together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer and convey to ASSIGNEE the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in

Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications and oaths, and all assignments, disclaimers and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said invention and discoveries.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

Date: April 3, 2002

Jeffrey M. Besterman
Jeffrey M. Besterman

Then personally appeared before me this 3rd day of April, 2002, the above named Jeffrey M. Besterman who acknowledged the execution of the foregoing instrument to be his free act and deed.

Treasure Sinc
Notary Public witness

Date: 27 Mar 2002

Claire Bonfils
Claire Bonfils

Then personally appeared before me this 27 day of March, 2002, the above named Claire Bonfils who acknowledged the execution of the foregoing instrument to be his free act and deed.

Treasure Sinc
Notary Public witness

Date: April 3, 02

2 : 2 .

Li Zuomei

Then personally appeared before me this April 3 day of 2002, 2002,
the above named Li Zuomei who acknowledged the execution of the foregoing
instrument to be his free act and deed.

Liuai Lin
~~Notary Public~~ witness

Date: Mar 28 /2002

Soon U. Woo

Soon Hyung Woo

Then personally appeared before me this 28th day of March, 2002,
the above named Soon Hyung Woo who acknowledged the execution of the foregoing
instrument to be his free act and deed.

Liuai Lin
~~Notary Public~~ witness

Date: March 27 /2002

Arkadii Vaisburg

Arkadii Vaisburg

Then personally appeared before me this 27th day of March, 2002,
the above named Arkadii Vaisburg who acknowledged the execution of the foregoing
instrument to be his free act and deed.

Liuai Lin
~~Notary Public~~ witness

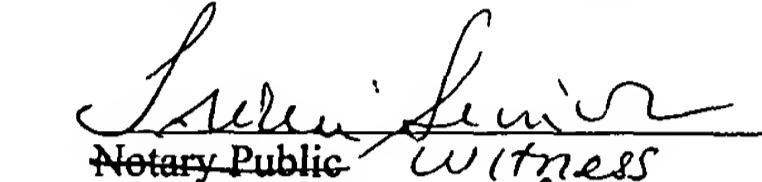
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Daniel Delorme

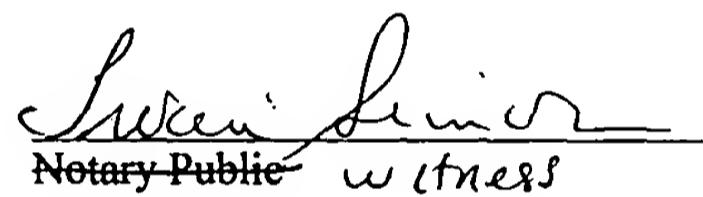
Then personally appeared before me this 27th day of March, 2002,
the above named Daniel Delorme who acknowledged the execution of the foregoing
instrument to be his free act and deed.

Date: March 28/2002


Notary Public witness

Marielle Fournel

Then personally appeared before me this 28th day of March, 2002,
the above named Marielle Fournel who acknowledged the execution of the foregoing
instrument to be his free act and deed.


Notary Public witness

Date: _____

Rico Lavoie

Then personally appeared before me this _____ day of _____, 2002,
the above named Rico Lavoie who acknowledged the execution of the foregoing
instrument to be his free act and deed.

(orig. & attacted)

Notary Public

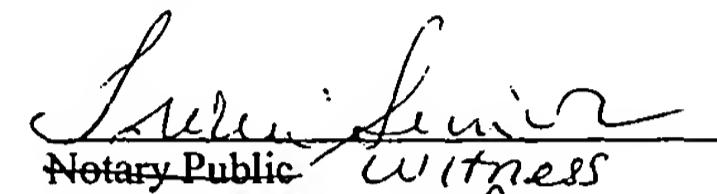
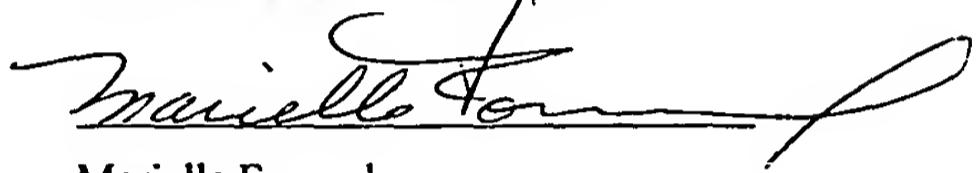
Date: March 27/2002



Daniel Delorme

Then personally appeared before me this 27th day of March, 2002,
the above named Daniel Delorme who acknowledged the execution of the foregoing
instrument to be his free act and deed.

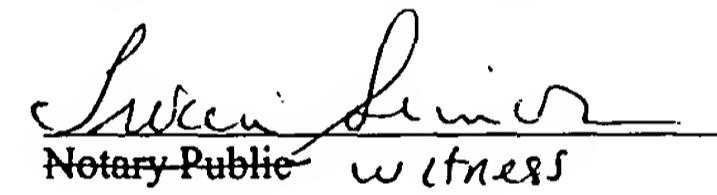
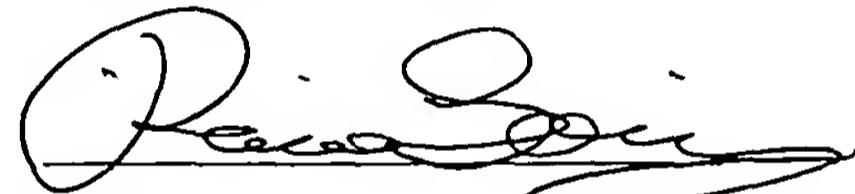
Date: March 28/2002


Notary Public witness

Marielle Fournel

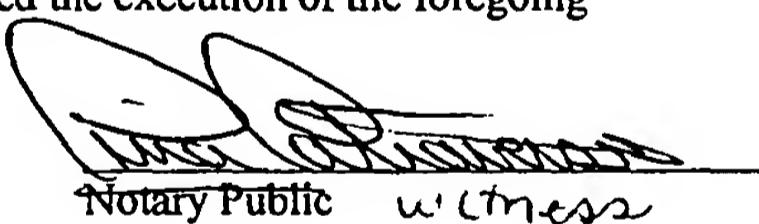
Then personally appeared before me this 28th day of March, 2002,
the above named Marielle Fournel who acknowledged the execution of the foregoing
instrument to be his free act and deed.

Date: APRIL 23/2002


Notary Public witness

Rico Lavoie

Then personally appeared before me this 24 day of April, 2002,
the above named Rico Lavoie who acknowledged the execution of the foregoing
instrument to be his free act and deed.


Notary Public witness

Wednesday, July 03, 2002

Patent List

Page: 2

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
ALT-010/PI United States of America	PRO	60/345,383 26-Jun-2001			Pending 16-Aug-2002
					Title: THERAPEUTIC ADJUVANTS
ALT-011/PI United States of America	PRO	60/350,001 26-Jun-2001			Pending 26-Jun-2002
					Title: MODULATION OF THE IMMUNE SYSTEM UTILIZING BINDING AGENTS TARGETING IMMUNE REGULATORY RECEPTORS
ALT-012/PI United States of America	PRO	60/349,586 26-Jun-2001			Pending 17-Jan-2003
					Title: CANCER THERAPEUTICS
ALT-013/PI United States of America	PRO	60/339,240 26-Oct-2001			Pending 26-Oct-2002
					Title: COMBINATION THERAPY FOR TREATING DISEASE
ALT-014/PI United States of America	PRO	60/329,399 26-Mar-2001			Pending 21-Mar-2002
					Title: THERAPEUTIC COMPOSITIONS THAT ALTER THE IMMUNE RESPONSE
ALT-015/PI United States of America	PRO	60/314,202 11-Apr-2001			Pending 11-Apr-2003
					Title: BINDING AGENTS AND THEIR USE IN TARGETING TUMOR CELLS
HYB-001/2 United States of America	CON	60/323,602 26-Mar-2001			Pending
					Title: OLIGONUCLEOTIDE MEDIATED SPECIFIC CYTOKINE INDUCTION AND IN VIVO PROTECTION FROM INFECTION
HYB-002/1 United States of America	ORD	60/363,925 14-Aug-2001			Pending
					Title: MODULATION OF OLIGONUCLEOTIDE CpG-MEDIATED IMMUNE STIMULATION BY POSITIONAL MODIFICATION OF NUCLEOSIDES
HYB-004/1 United States of America	ORD	60/371,898 13-Nov-2001			Pending
					Title: MODULATION OF OLIGONUCLEOTIDE CpG-MEDIATED IMMUNE STIMULATION BY POSITIONAL MODIFICATION OF NUCLEOSIDES

Wednesday, July 03, 2002

Patent List

Page: 3

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
HYB-004/2 United States of America	ORD				Pending
					Title: MODULATION OF OLIGONUCLEOTIDE CpG-MEDIATED IMMUNE STIMULATION BY POSITIONAL MODIFICATION OF NUCLEOSIDES
HYB-005/I United States of America	ORD		09/965,167 26-Sep-2001		Pending
					Title: IMMUNOSTIMULATORY OLIGONUCLEOTIDES CONTAINING 5'-HYDROXY DEOXYCYTOSINE OR N4-ETHYL-DEOXYCYTOSINE
HYB-006/ United States of America	ORD		10/187,687 02-May-2002		Pending
					Title: IMMUNOSTIMULATORY ACTIVITY OF CpG OLIGONUCLEOTIDES CONTAINING NON-IONIC METHYLPHOSPHORATE LINKAGES
HYB-007/PI United States of America	PRO		60/344,767 24-Oct-2001		Pending 24-Oct-2002
					Title: MODULATION OF IMMUNOSTIMULATORY OLIGONUCLEOTIDE COMPOUNDS BY OPTIMAL PRESENTATION OF 5' ENDS
HYB-008/PI United States of America	PRO		60/376,623 30-Apr-2002		Pending 30-Apr-2003
					Title: MODULATION OF IMMUNE STIMULATION EFFECTS OF IMMUNOSTIMULATORY OLIGONUCLEOTIDES BY OPTIMAL PRESENTATION OF 5' ENDS
IMM-001/PI United States of America	PRO		60/343,855 21-Dec-2001		Pending 21-Dec-2002
					Title: KNOCKOUT SWINE AND METHODS FOR MAKING THE SAME
MET-002/1 United States of America	ORD		10/051,819 14-Jan-2002		Pending
					Title: COMPOSITIONS AND METHODS FOR THE INHIBITION OF HISTONE DEACETYLASE-4
MET-003/4 United States of America	DIV		09/557,996 24-Apr-2000		Pending
					Title: DNA Methyltransferase Antisense Oligonucleotides
MET-004/I United States of America	ORD		10/052,390 14-Jan-2002		Pending
					Title: METHOD FOR SPECIFICALLY INHIBITING DEACETYLASE-4